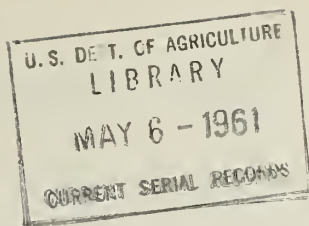


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MILK

PRODUCTION, DISPOSITION, and INCOME

1959 - 60

U.S. DEPARTMENT OF AGRICULTURE
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Production, Disposition, and Income, 1959-60^{1/}

Milk cows in the United States produced 122,920 million pounds of milk in 1960, about 1 percent more than the revised 1959 production of 121,989 million pounds. Annual milk production per cow increased 3 percent from 1959 to 1960, and more than offset a decrease of 2 percent in milk cow numbers. Total milk production in 1960 was sufficient to provide 683 pounds per capita in the United States -- 6 pounds less than in the previous year and the lowest since estimates were started in 1924.

The average number of milk cows on farms during 1960 was 17,549,000, a record low for estimates beginning in 1924. Milk cow numbers have decreased each year since 1953, but the decline from 1959 to 1960 was only 2 percent compared with 4 to 5 percent in each of the 3 preceding years. Annual milk production per cow set a record high of 7,004 pounds in 1960, with a gain of 189 pounds from the previous high set in 1959. Annual output per cow has increased 3 to 4 percent each year since 1954.

Farm-churned butter reached a record low of 63 million pounds in 1960, and accounted for only 4 percent of the combined production of creamery and farm-churned butter. Butter churned on farms decreased 18 percent from 1959 and has dropped 76 percent in the past 10 years. Heaviest production continued in the Southern States where a greater proportion of the milk cows are kept mainly to furnish milk for dairy products for home use.

Volume of milk and cream sold 2 percent above 1959

The quantity of milk marketed by farmers as milk and cream totaled 113.7 billion pounds in 1960. This record volume was about 2 percent more than in 1959 but only 1 percent above the previous high of 1957. Farmers sold 103.6 billion pounds of whole milk to plants and dealers in 1960 -- 3 percent more than the previous high of the preceding year. These whole milk sales accounted for 84 percent of the total milk production in 1960. Marketings of whole milk increased from 1959 in all sections of the country, with gains less than the National average in the East North Central and South Central regions.

In 1960, milk separated and marketed as cream to plants and dealers totaled 8.2 billion pounds -- down 10 percent from the previous year and off 60 percent from 10 years earlier. Sales of milk in the form of cream declined 9 percent from 1959 in the North Central region, where 87 percent of the Nation's farm-separated cream was marketed.

Sales of milk and cream by farmers directly to customers amounted to 2.0 billion pounds. This is 4 percent less than the previous record low set in 1959. Retail sales of milk and cream by farmers in 1960 decreased from the preceding year in all regions except the West, which gained slightly due to larger sales in California.

(Continued on page 15)

^{1/} This report was prepared by G. G. Butler and C. W. LeGrande, Agricultural Statisticians, under the direction of I. E. Wissinger, Chief, Dairy Statistics Branch, Agricultural Estimates Division, Statistical Reporting Service.

Revised estimates by States for 1955-58 will be published in Statistical Bulletin No. 282 on April 21, 1961.

Table 1.-Milk cows and production of milk, milkfat, and butter on farms, United States, 1950-60

Year	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
1950.....	21,944	5,314	210	3.96	116,602	4,618	261,520
1951.....	21,505	5,333	210	3.93	114,681	4,509	240,380
1952.....	21,338	5,374	210	3.90	114,671	4,476	213,520
1953.....	21,691	5,542	215	3.87	120,221	4,655	194,770
1954.....	21,581	5,657	219	3.86	122,094	4,717	178,990
1955 3/.....	21,044	5,842	225	3.84	122,945	4,726	162,070
1956 3/.....	20,501	6,090	233	3.82	124,860	4,773	139,810
1957 3/.....	19,774	6,303	240	3.81	124,628	4,744	119,354
1958 3/.....	18,711	6,585	249	3.78	123,220	4,658	96,123
1959 3/.....	17,901	6,815	256	3.76	121,989	4,588	76,307
1960.....	17,549	7,004	263	3.76	122,920	4,624	62,756

1/ Average number on farms during year excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

3/ Revised on basis of 1959 Census of Agriculture and other data now available.

Table 2.-Milk used and marketed by farmers, United States, 1950-60

[In millions of pounds]

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailed by farmers as milk and cream 1/	Total
					As whole milk	As farm-skimmed cream		
1950.....	3,286	9,808	5,160	18,254	74,205	20,208	3,935	98,348
1951.....	3,449	9,738	4,746	17,933	74,480	18,530	3,738	96,748
1952.....	3,348	9,436	4,215	16,999	77,301	16,853	3,518	97,672
1953.....	3,334	8,902	3,876	16,112	84,567	16,334	3,208	104,109
1954.....	3,344	8,474	3,562	15,380	87,874	15,910	2,930	106,714
1955 2/.....	3,266	8,114	3,245	14,625	90,960	14,688	2,672	108,320
1956 2/.....	3,119	7,694	2,814	13,627	95,521	13,264	2,448	111,233
1957 2/.....	2,950	7,003	2,428	12,381	98,284	11,669	2,294	112,247
1958 2/.....	2,767	6,393	1,987	11,147	99,626	10,280	2,167	112,073
1959 2/.....	2,658	5,776	1,602	10,036	100,809	9,073	2,071	111,953
1960.....	2,528	5,346	1,325	9,199	103,552	8,182	1,987	113,721

1/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

2/ Revised on basis of 1959 Census of Agriculture and other data now available.

Table 3.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, United States, 1950-60

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
1950.....	74,205	3.89	2,886,496	762,030	62.0	472,226	1,832	18.5	339,372
1951.....	74,480	4.58	3,412,603	696,930	71.2	496,096	1,736	19.9	345,799
1952.....	77,301	4.85	3,752,084	632,900	75.0	474,797	1,638	20.8	340,241
1953.....	84,567	4.32	3,650,749	605,520	66.5	402,826	1,496	20.9	312,255
1954.....	87,874	3.97	3,487,085	589,700	58.7	346,355	1,365	20.6	280,666
1955 1/.....	90,960	4.01	3,643,878	544,680	57.8	314,848	1,245	20.8	258,407
1956 1/.....	95,521	4.14	3,953,802	492,300	59.4	292,658	1,139	21.0	239,030
1957 1/.....	98,284	4.21	4,137,026	434,890	60.6	263,578	1,066	21.3	227,438
1958 1/.....	99,626	4.13	4,114,048	382,340	59.3	226,917	1,011	21.3	215,541
1959 1/.....	100,809	4.16	4,195,492	335,560	60.1	201,769	961	21.5	206,242
1960.....	103,552	4.21	4,356,263	301,730	59.6	179,792	925	21.7	200,609

1/ Revised on basis of 1959 Census of Agriculture and other data now available.

Table 4.-Farm marketings, income, and value of dairy products, United States, 1950-60

Year	Combined marketings of milk and cream 1/				Used for milk, cream and butter on farms where produced 3/		Gross farm income from dairy products 5/	Farm value of milk produced 6/
	Milk utilized	Average returns 2/		Cash receipts from marketings	Milk utilized	Value 4/		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
1950.....	99,066	3.75	.95	3,718,685	14,250	593,644	4,312,329	4,431,995
1951.....	96,748	4.40	1.12	4,254,498	14,484	707,064	4,961,562	5,108,110
1952.....	97,672	4.68	1.20	4,567,122	13,651	706,473	5,273,595	5,425,543
1953.....	104,109	4.19	1.08	4,365,830	12,778	599,755	4,965,585	5,101,819
1954.....	106,714	3.86	1.00	4,114,106	12,036	518,103	4,632,209	4,757,279
1955 7/.....	108,320	3.89	1.01	4,217,133	11,359	494,808	4,711,941	4,834,842
1956 7/.....	111,233	4.03	1.05	4,485,490	10,508	468,451	4,953,941	5,075,318
1957 7/.....	112,247	4.12	1.08	4,628,042	9,431	422,524	5,050,566	5,166,860
1958 7/.....	112,073	4.07	1.08	4,556,506	8,380	373,267	4,929,773	5,037,729
1959 7/.....	111,953	4.11	1.09	4,603,503	7,378	328,718	4,932,221	5,037,223
1960	113,721	4.17	1.11	4,736,664	6,671	299,108	5,035,772	5,137,999

1/ For 1950 includes also farm-churned butter sold. In 1950 receipts from farm-churned butter totaled 20,591 thousand dollars, about one-half of 1 percent of cash receipts from combined sales of milk, cream, and farm butter.

2/ Cash receipts divided by milk or milkfat represented in combined marketings.

3/ For 1950 excludes milk equivalent of farm butter sold.

4/ Computed at average returns per 100 pounds for milk in products marketed.

5/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

6/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

7/ Revised on basis of 1959 Census of Agriculture and other data now available.

Table 5.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1960

State and division	Number of milk cows on farms 1/	Production of milk and milkfat 2/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	95	7,400	296	4.00	703	28	1,400
N. H.	51	7,400	292	3.95	377	15	250
Vt.	258	7,420	293	3.95	1,914	76	180
Mass.	94	8,140	309	3.80	765	29	90
R. I.	15	8,500	319	3.75	128	5	6
Conn.	89	8,310	312	3.75	740	28	80
N. Y.	1,248	8,140	293	3.60	10,159	366	500
N. J.	132	9,010	329	3.65	1,189	43	50
Pa.	884	7,700	289	3.75	6,807	255	1,400
N. Atl.	2,866	7,949	295	3.71	22,782	845	3,956
Ohio.....	692	7,550	287	3.80	5,225	199	1,000
Ind.	431	7,310	285	3.90	3,151	123	450
Ill.	561	7,360	272	3.70	4,129	153	700
Mich.	641	7,940	294	3.70	5,090	188	600
Wis.	2,163	8,300	307	3.70	17,953	664	200
E. N. Cent.	4,488	7,921	296	3.73	35,548	1,327	2,950
Minn.	1,265	8,030	281	3.50	10,158	356	400
Iowa.....	851	7,010	259	3.70	5,966	221	1,100
Mo.	658	5,640	228	4.05	3,711	150	2,700
N. Dak.	272	6,250	219	3.50	1,700	60	1,200
S. Dak.	248	5,680	202	3.55	1,409	50	450
Nebr.	327	5,980	215	3.60	1,955	70	1,000
Kans.	330	5,800	218	3.75	1,914	72	1,350
W. N. Cent.	3,951	6,786	248	3.65	26,813	979	8,200
Del.	27	7,160	268	3.75	193	7	30
Md.	217	7,060	265	3.75	1,532	57	350
Va.	340	6,000	234	3.90	2,040	80	4,200
W. Va.	130	5,070	198	3.90	659	26	1,800
N. C.	275	5,650	223	3.95	1,554	61	6,300
S. C.	109	4,920	192	3.90	536	21	1,900
Ga.	212	4,700	188	4.00	996	40	3,600
Fla.	195	6,700	271	4.05	1,306	53	240
S. Atl.	1,505	5,858	229	3.91	8,816	345	18,420
Ky.	501	4,910	201	4.10	2,460	101	3,200
Tenn.	486	4,530	190	4.20	2,202	92	3,800
Ala.	244	3,940	158	4.00	961	38	5,500
Miss.	366	3,430	146	4.25	1,255	53	4,500
Ark.	214	4,210	173	4.10	901	37	2 200
La.	232	3,630	149	4.10	842	35	1,200
Okla.	256	5,550	211	3.80	1,421	54	1,500
Tex.	575	5,090	199	3.90	2,927	114	3,000
S. Cent.	2,874	4,513	182	4.04	12,969	524	24,900
Mont.	79	5,870	217	3.70	464	17	750
Idaho.....	202	8,140	305	3.75	1,644	62	370
Wyo.	31	6,190	217	3.50	192	7	300
Colo.	125	6,960	254	3.65	870	32	600
N. Mex.	42	5,760	216	3.75	242	9	180
Ariz.	50	9,220	332	3.60	461	17	80
Utah.....	95	8,040	293	3.65	764	28	200
Nev.	16	7,440	268	3.60	119	4	50
Wash.	233	8,510	340	4.00	1,983	79	750
Oreg.	162	7,060	300	4.25	1,144	49	600
Calif.	830	9,770	361	3.70	8,109	300	450
West.	1,865	8,575	324	3.78	15,992	604	4,330
U. S.	17,549	7,004	263	3.76	122,920	4,624	62,756

1/ Average number on farms during year, excluding heifers not yet fresh.

2/ Excludes milk sucked by calves.

Table 6.-Milk used and marketed by farmers, by States, 1960
In millions of pounds

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm- churned butter	Total	Sold to plants and dealers		Retailled by farmers as milk and cream 1/	Total
					As whole milk	As farm- skimmed cream		
Me.	10	32	29	71	590	1	41	632
N. H.	6	13	5	24	330	-	23	353
Vt.	29	28	4	61	1,830	1	22	1,853
Mass.	9	16	2	27	680	-	58	738
R. I.	2	2	-	4	116	-	8	124
Conn.	12	17	2	31	665	-	44	709
N. Y.	183	179	11	373	9,613	29	144	9,786
N. J.	14	19	1	34	1,100	-	55	1,155
Pa.	95	230	32	357	6,300	60	90	6,450
N. Atl.	360	536	86	982	21,224	91	485	21,800
Ohio.....	104	193	22	319	4,810	60	36	4,906
Ind.	58	122	10	190	2,830	116	15	2,961
Ill.	66	170	16	252	3,720	122	35	3,877
Mich.	130	167	14	311	4,560	200	19	4,779
Wis.	535	309	5	849	17,030	44	30	17,104
E. N. Cent.	893	961	67	1,921	32,950	542	135	33,627
Minn.	190	207	10	407	8,700	1,035	16	9,751
Iowa.....	155	221	25	401	3,700	1,832	33	5,565
Mo.	67	248	55	370	3,085	225	31	3,341
N. Dak.	42	74	29	145	247	1,300	8	1,555
S. Dak.	37	70	11	118	570	717	4	1,291
Nebr.	61	105	23	189	670	1,088	8	1,766
Kans.	58	115	30	203	1,280	390	41	1,711
W. N. Cent.	610	1,040	183	1,833	18,252	6,587	141	24,980
Del.	3	7	1	11	179	-	3	182
Md.	20	44	8	72	1,436	3	21	1,460
Va.	45	185	90	320	1,605	85	30	1,720
W. Va.	16	123	38	177	415	35	32	482
N. C.	27	243	130	400	1,114	5	35	1,154
S. C.	7	63	39	109	415	-	12	427
Ga.	12	130	75	217	720	1	58	779
Fla.	8	22	5	35	1,230	-	41	1,271
S. Atl.	138	817	386	1,341	7,114	129	232	7,475
Ky.	39	289	65	393	1,930	80	57	2,067
Tenn.	30	258	75	363	1,800	12	27	1,839
Ala.	13	177	112	302	618	3	38	659
Miss.	15	184	89	288	950	2	15	967
Ark.	10	119	45	174	695	20	12	727
La.	9	118	24	151	680	-	11	691
Okla.	28	129	33	190	1,030	180	21	1,231
Tex.	33	240	64	337	2,500	30	60	2,590
S. Cent.	177	1,514	507	2,198	10,203	327	241	10,771
Mont.	15	45	17	77	245	135	7	387
Idaho.....	49	61	8	118	1,464	45	17	1,526
Wyo.	6	21	7	34	113	40	5	158
Colo.	29	52	14	95	634	125	16	775
N. Mex.	6	21	4	31	200	4	7	211
Ariz.	8	13	2	23	432	-	6	438
Utah.....	18	33	5	56	692	11	5	708
Nev.	3	3	1	7	104	8	-	112
Wash.	50	77	16	143	1,755	47	38	1,840
Oreg.	36	63	12	111	930	73	30	1,033
Calif.	130	89	10	229	7,240	18	622	7,880
West.	350	478	96	924	13,809	506	753	15,068
U. S.	2,528	5,346	1,325	9,199	103,552	8,182	1,987	113,721

1/ Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 7.--Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1960

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Me.	590	5.41	31,919	40	60	24	19	23.7	4,503
N. H.	330	5.62	18,546	-	-	-	11	25.0	2,750
Vt.	1,830	4.97	90,951	40	60	24	10	22.2	2,220
Mass.	680	5.84	39,712	-	-	-	27	24.8	6,696
R. I.	116	5.87	6,809	-	-	-	4	25.1	1,004
Conn.	665	5.79	38,504	-	-	-	20	25.6	5,120
N. Y.	9,613	4.48	430,662	1,120	52	582	67	18.8	12,596
N. J.	1,100	5.35	58,850	-	-	-	26	26.5	6,890
Pa.	6,300	4.83	304,290	2,250	55	1,238	42	21.0	8,820
N. Atl.	21,224	4.81	1,020,243	3,450	54.1	1,868	226	22.4	50,599
Ohio.....	4,810	4.27	205,387	2,400	49	1,176	17	22.1	3,757
Ind.	2,830	3.99	112,917	4,700	51	2,397	7	21.0	1,470
Ill.	3,720	3.75	139,500	4,580	51	2,336	16	21.0	3,360
Mich.	4,560	4.18	190,608	7,700	60	4,620	9	22.1	1,989
Wis.	17,030	3.47	590,941	1,630	64	1,043	14	22.6	3,164
E. N. Cent..	32,950	3.76	1,239,353	21,010	55.1	11,572	63	21.8	13,740
Minn.	8,700	3.16	274,920	36,220	64	23,181	7	18.8	1,316
Iowa.....	3,700	3.47	128,390	67,780	63	42,701	15	19.6	2,940
Mo.	3,085	3.81	117,538	9,450	51	4,820	14	17.6	2,464
N. Dak.	247	3.55	8,768	45,500	60	27,300	4	18.8	752
S. Dak.	570	3.36	19,152	25,450	61	15,524	2	20.5	410
Nebr.	670	4.12	27,604	39,170	60	23,502	4	20.8	832
Kans.	1,280	3.90	49,920	15,010	55	8,256	19	18.3	3,477
W. N. Cent..	18,252	3.43	626,292	238,580	60.9	145,284	65	18.8	12,191
Del.	179	4.90	8,771	-	-	-	1	23.1	231
Md.	1,436	4.82	69,215	120	49	59	10	24.3	2,430
Va.	1,605	4.96	79,608	3,570	48	1,714	14	23.3	3,262
W. Va.	415	4.78	19,837	1,500	46	690	15	21.8	3,270
N. C.	1,114	5.67	63,164	220	51	112	16	19.1	3,056
S. C.	415	5.73	23,780	-	-	-	6	22.5	1,350
Ga.	720	5.96	42,912	40	52	21	27	23.7	6,399
Fla.	1,230	6.71	82,533	-	-	-	19	24.7	4,693
S. Atl.	7,114	5.48	389,820	5,450	47.6	2,596	108	22.9	24,691
Ky.	1,930	3.95	76,235	3,440	45	1,548	27	21.8	5,886
Tenn.	1,800	4.23	76,140	530	46	244	13	18.3	2,379
Ala.	618	5.59	34,546	130	52	68	18	20.4	3,672
Miss.	950	4.78	45,410	90	49	44	7	22.0	1,540
Ark.	695	4.41	30,650	860	50	430	6	20.0	1,200
La.	680	5.56	37,808	-	-	-	5	23.3	1,165
Okla.	1,030	4.60	47,380	7,380	53	3,911	10	20.2	2,020
Tex.	2,500	5.27	131,750	1,280	50	640	28	23.2	6,496
S. Cent. ...	10,203	4.70	479,919	13,710	50.2	6,885	114	21.4	24,358
Mont.	245	4.26	10,437	5,130	60	3,078	3	23.0	690
Idaho.....	1,464	3.44	50,362	1,710	58	992	8	21.0	1,680
Wyo.	113	4.07	4,599	1,400	61	854	2	20.0	400
Colo.	634	4.63	29,354	4,620	57	2,633	7	23.0	1,610
N. Mex.	200	5.25	10,500	150	58	87	3	22.2	666
Ariz.	432	5.04	21,773	-	-	-	3	22.9	687
Utah.....	692	4.07	28,164	400	55	220	2	17.0	340
Nev.	104	5.03	5,231	290	64	186	-	-	-
Wash.	1,755	4.36	76,518	1,970	58	1,143	18	22.6	4,068
Oreg.	930	4.62	42,966	3,180	62	1,972	14	23.8	3,332
Calif.	7,240	4.43	320,732	680	62	422	289	21.3	61,557
West.	13,809	4.35	600,636	19,530	59.3	11,587	349	21.5	75,030
U. S.	103,552	4.21	4,356,263	301,730	59.6	179,792	925	21.7	200,609

Table 8.-Farm marketings, income, and value of dairy products, by States, 1960

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products 3/	Farm value of milk produced 4/
	Milk utilized	Average returns 1/		Cash receipts from marketings				
		Per 100 pounds milk	Per pound milkfat		Milk utilized	Value 2/		
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	632	5.77	1.44	36,446	61	3,520	39,966	40,563
N. H.	353	6.03	1.53	21,296	18	1,085	22,381	22,733
Vt.	1,853	5.03	1.27	93,195	32	1,610	94,805	96,274
Mass.	738	6.29	1.66	46,408	18	1,132	47,540	48,118
R. I.	124	6.30	1.68	7,813	2	126	7,939	8,064
Conn.	709	6.15	1.64	43,624	19	1,168	44,792	45,510
N. Y.	9,786	4.54	1.26	443,840	190	8,626	452,466	461,219
N. J.	1,155	5.69	1.56	65,740	20	1,138	66,878	67,654
Pa.	6,450	4.87	1.30	314,348	262	12,759	327,107	331,501
N. Atl.	21,800	4.92	1.33	1,072,710	622	31,164	1,103,874	1,121,636
Ohio.....	4,906	4.29	1.13	210,320	215	9,224	219,544	224,152
Ind.	2,961	3.94	1.01	116,784	132	5,201	121,985	124,149
Ill.	3,877	3.75	1.01	145,196	186	6,975	152,171	154,838
Mich.	4,779	4.13	1.12	197,217	181	7,475	204,692	210,217
Wis.	17,104	3.48	.94	595,148	314	10,927	606,075	624,764
E. N. Cent. ...	33,627	3.76	1.01	1,264,665	1,028	39,802	1,304,467	1,338,120
Minn.	9,751	3.07	.88	299,417	217	6,662	306,079	311,851
Iowa.....	5,565	3.13	.85	174,031	246	7,700	181,731	186,736
Mo.	3,341	3.74	.92	124,822	303	11,332	136,154	138,791
N. Dak.	1,555	2.37	.68	36,820	103	2,441	39,261	40,290
S. Dak.	1,291	2.72	.77	35,086	81	2,203	37,289	38,325
Nebr.	1,766	2.94	.82	51,938	128	3,763	55,701	57,477
Kans.	1,711	3.60	.96	61,653	145	5,220	66,873	68,904
W. N. Cent. ...	24,980	3.14	.86	783,767	1,223	39,321	823,088	842,374
Del.	182	4.95	1.32	9,002	8	396	9,398	9,554
Md.	1,460	4.91	1.31	71,704	52	2,553	74,257	75,221
Va.	1,720	4.92	1.26	84,584	275	13,530	98,114	100,368
W. Va.	482	4.94	1.27	23,797	161	7,953	31,750	32,555
N. C.	1,154	5.75	1.46	66,332	373	21,448	87,780	89,355
S. C.	427	5.89	1.51	25,130	102	6,008	31,138	31,570
Ga.	779	6.33	1.58	49,332	205	12,976	62,308	63,047
Fla.	1,271	6.86	1.69	87,226	27	1,852	89,078	89,592
S. Atl.	7,475	5.58	1.43	417,107	1,203	66,716	483,823	491,262
Ky.	2,067	4.05	.99	83,669	354	14,337	98,006	99,630
Tenn.	1,839	4.28	1.02	78,763	333	14,252	93,015	94,246
Ala.	659	5.81	1.45	38,286	289	16,791	55,077	55,834
Miss.	967	4.86	1.14	46,994	273	13,268	60,262	60,993
Ark.	727	4.44	1.08	32,280	164	7,282	39,562	40,004
La.	691	5.64	1.38	38,973	142	8,009	46,982	47,489
Okla.	1,231	4.33	1.14	53,311	162	7,015	60,326	61,529
Tex.	2,590	5.36	1.37	138,886	304	16,294	155,180	156,887
S. Cent.	10,771	4.75	1.18	511,162	2,021	97,248	608,410	616,612
Mont.	387	3.67	.99	14,205	62	2,275	16,480	17,029
Idaho.....	1,526	3.48	.93	53,034	69	2,401	55,435	57,211
Wyo.	158	3.70	1.06	5,853	28	1,036	6,889	7,104
Colo.	775	4.34	1.19	33,597	66	2,864	36,461	37,758
N. Mex.	211	5.33	1.42	11,253	25	1,332	12,585	12,899
Ariz.	438	5.13	1.42	22,460	15	770	23,230	23,649
Utah.	708	4.06	1.11	28,724	38	1,543	30,267	31,018
Nev.	112	4.84	1.34	5,417	4	194	5,611	5,760
Wash.	1,840	4.44	1.11	81,729	93	4,129	85,858	88,045
Oreg.	1,033	4.67	1.10	48,270	75	3,502	51,772	53,425
Calif.	7,880	4.86	1.31	382,711	99	4,811	387,522	394,097
West.	15,068	4.56	1.21	687,253	574	24,857	712,110	727,995
U. S.	113,721	4.17	1.11	4,736,664	6,671	299,108	5,035,772	5,137,999

1/ Cash receipts divided by milk or milkfat represented in combined marketings.

2/ Computed at average returns per 100 pounds for milk in products marketed.

3/ Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

4/ Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 9.-Milk cows and production of milk, milkfat, and butter on farms, by States, 1959 1/

State and division	Number of milk cows on farms 2/	Production of milk and milkfat 3/					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Mil. lb.	Mil. lb.	1,000 lb.
Me.	95	7,380	295	4.00	701	28	1,500
N. H.	51	7,400	292	3.95	377	15	270
Vt.	258	7,200	284	3.95	1,858	73	200
Mass.	95	7,890	300	3.80	750	28	110
R. I.	15	8,450	317	3.75	127	5	7
Conn.	90	8,220	308	3.75	740	28	100
N. Y.	1,245	7,840	282	3.60	9,761	351	600
N. J.	132	8,710	318	3.65	1,150	42	60
Pa.	883	7,460	280	3.75	6,587	247	1,700
N. Atl.	2,864	7,699	285	3.71	22,051	817	4,547
Ohio.....	692	7,390	281	3.80	5,114	194	1,200
Ind.	446	7,230	282	3.90	3,225	126	550
Ill.	603	7,180	266	3.70	4,330	160	800
Mich.	650	7,830	290	3.70	5,090	188	750
Wis.	2,162	8,240	301	3.65	17,815	650	260
E. N. Cent.	4,553	7,813	289	3.70	35,574	1,318	3,560
Minn.	1,270	7,850	275	3.50	9,970	349	470
Iowa.....	871	6,820	249	3.65	5,940	217	1,250
Mo.	676	5,470	224	4.10	3,698	152	3,100
N. Dak.	289	6,080	213	3.50	1,757	61	1,450
S. Dak.	259	5,610	196	3.50	1,453	51	580
Nebr.	340	5,950	217	3.65	2,023	74	1,300
Kans.	349	5,560	208	3.75	1,940	73	1,550
W. N. Cent.	4,054	6,606	241	3.65	26,781	977	9,700
Del.	28	6,950	261	3.75	195	7	40
Md.	218	6,960	261	3.75	1,517	57	380
Va.	337	5,880	229	3.90	1,982	77	5,000
W. Va.	138	4,980	194	3.90	687	27	2,200
N. C.	279	5,640	226	4.00	1,574	63	7,300
S. C.	115	4,750	190	4.00	546	22	2,200
Ga.	230	4,570	185	4.05	1,051	43	4,600
Fla.	192	6,460	265	4.10	1,240	51	300
S. Atl.	1,537	5,720	226	3.95	8,792	347	22,020
Ky.	511	4,900	201	4.10	2,504	103	3,800
Tenn.	500	4,400	187	4.25	2,200	94	5,000
Ala.	256	3,900	158	4.05	998	40	7,000
Miss.	388	3,320	143	4.30	1,288	55	5,500
Ark.	232	4,150	172	4.15	963	40	3,050
La.	240	3,410	142	4.15	818	34	1,400
Okla.	274	5,300	204	3.85	1,452	56	2,000
Tex.	612	4,850	192	3.95	2,968	117	3,700
S. Cent.	3,013	4,378	179	4.09	13,191	539	31,450
Mont.	84	5,600	207	3.70	470	17	850
Idaho.....	204	7,800	296	3.80	1,591	60	420
Wyo.	32	6,120	217	3.55	196	7	340
Colo.	128	6,650	243	3.65	851	31	660
N. Mex.	43	5,620	211	3.75	242	9	240
Ariz.	50	9,220	332	3.60	461	17	90
Utah.....	96	7,930	289	3.65	761	28	240
Nev.	15	7,330	268	3.65	110	4	60
Wash.	234	7,970	323	4.05	1,865	76	850
Oreg.....	164	6,770	288	4.25	1,110	47	680
Calif.	830	9,570	354	3.70	7,943	294	600
West.	1,880	8,298	314	3.78	15,600	590	5,030
U. S.	17,901	6,815	256	3.76	121,989	4,588	76,307

1/ Revised on basis of 1959 Census of Agriculture and other data now available.

2/ Average number on farms during year, excluding heifers not yet fresh.

3/ Excludes milk sucked by calves.

Table 10.-Milk used and marketed by farmers, by States, 1959 ^{1/}
[In millions of pounds]

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers		Retailled by farmers as milk and cream ^{2/}	Total
					As whole milk	As farm-skimmed cream		
Me.	10	35	31	76	580	1	44	625
N. H.	6	14	6	26	327	-	24	351
Vt.	29	30	4	63	1,770	1	24	1,795
Mass.	9	17	2	28	660	-	62	722
R. I.	2	2	-	4	114	-	9	123
Conn.	12	18	2	32	660	-	48	708
N. Y.	184	191	14	389	9,194	29	149	9,372
N. J.	15	21	1	37	1,056	-	57	1,113
Pa.	100	236	38	374	6,044	75	94	6,213
N. Atl.	367	564	98	1,029	20,405	106	511	21,022
Ohio.....	102	198	26	326	4,670	80	38	4,788
Ind.	62	133	12	207	2,870	132	16	3,018
Ill.	78	189	18	285	3,868	140	37	4,045
Mich.	146	183	17	346	4,494	230	20	4,744
Wis.	577	335	6	918	16,817	50	30	16,897
E. N. Cent.	965	1,038	79	2,082	32,719	632	141	33,492
Minn.	190	229	11	430	8,322	1,200	18	9,540
Iowa.....	157	241	29	427	3,450	2,030	33	5,513
Mo.	70	267	63	400	2,988	275	35	3,298
N. Dak.	45	79	35	159	230	1,360	8	1,598
S. Dak.	39	72	14	125	558	765	5	1,328
Nebr.	66	118	30	214	640	1,159	10	1,809
Kans.	60	130	35	225	1,252	420	43	1,715
W. N. Cent.	627	1,136	217	1,980	17,440	7,209	152	24,801
Del.	3	8	1	12	180	-	3	183
Md.	21	47	8	76	1,412	4	25	1,441
Va.	46	196	108	350	1,505	95	32	1,632
W. Va.	18	132	47	197	410	45	35	490
N. C.	30	289	151	470	1,058	6	40	1,104
S. C.	7	74	46	127	406	-	13	419
Ga.	13	146	95	254	735	1	61	797
Fla.	8	23	6	37	1,160	-	43	1,203
S. Atl.	146	915	462	1,523	6,866	151	252	7,269
Ky.	43	298	78	419	1,930	95	60	2,085
Tenn.	33	267	98	398	1,760	12	30	1,802
Ala.	15	199	143	357	598	3	40	641
Miss.	15	195	108	318	950	3	17	970
Ark.	12	127	62	201	715	32	15	762
La.	9	126	28	163	644	-	11	655
Okla.	29	143	43	215	952	260	25	1,237
Tex.	35	262	78	375	2,493	35	65	2,593
S. Cent.	191	1,617	638	2,446	10,042	440	263	10,745
Mont.	16	48	19	83	240	139	8	387
Idaho.....	49	64	9	122	1,404	47	18	1,469
Wyo.	6	23	8	37	111	43	5	159
Colo.	30	53	15	98	600	135	18	753
N. Mex.	6	23	5	34	195	5	8	208
Ariz.	9	14	2	25	430	-	6	436
Utah.....	20	34	5	59	685	12	5	702
Nev.	3	4	1	8	93	9	-	102
Wash.	50	80	18	148	1,629	50	38	1,717
Oreg.	37	64	13	114	890	75	31	996
Calif.	136	99	13	248	7,060	20	615	7,695
West.	362	506	108	976	13,337	535	752	14,624
U. S.	2,658	5,776	1,602	10,036	100,809	9,073	2,071	111,953

^{1/} Revised on basis of 1959 Census of Agriculture and other data now available.

^{2/} Approximations based on information on sales by producer-distributors and other farmers on own routes or at farm.

Table 11.-Milk and cream marketed by farmers: Quantity, price, and cash receipts, by States, 1959 1/

State and division	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk and cream retailed by farmers		
	Quantity	Price per 100 lb.	Cash receipts	Quantity milkfat	Price per lb. fat	Cash receipts	Quantity, milk equiv.	Price per quart	Cash receipts
	Mil. lb.	Dol.	1,000 dol.	1,000 lb.	Gt.	1,000 dol.	Mil. qt.	Gt.	1,000 dol.
Me.	580	5.43	31,494	40	61	24	20	23.6	4,720
N. H.	327	5.63	18,410	-	-	-	11	25.1	2,761
Vt.	1,770	5.08	89,916	40	61	24	11	22.0	2,420
Mass.	660	5.87	38,742	-	-	-	29	24.5	7,105
R. I.	114	6.12	6,977	-	-	-	4	25.3	1,012
Conn.	660	5.90	38,940	-	-	-	22	25.6	5,632
N. Y.	9,194	4.62	424,763	1,100	52	572	69	18.7	12,903
N. J.	1,056	5.44	57,446	-	-	-	27	25.8	6,966
Pa.	6,044	4.89	295,552	2,810	53	1,489	44	20.9	9,196
N. Atl.	20,405	4.91	1,002,240	3,990	52.9	2,109	237	22.2	52,715
Ohio.....	4,670	4.22	197,074	3,200	49	1,568	18	21.9	3,942
Ind.	2,870	3.94	113,078	5,280	52	2,746	7	20.8	1,456
Ill.	3,868	3.61	139,635	5,250	51	2,678	17	20.5	3,485
Mich.	4,494	3.95	177,513	8,740	60	5,244	9	20.7	1,863
Wis.	16,817	3.28	551,598	1,850	62	1,147	14	20.5	2,870
E. N. Cent...	32,719	3.60	1,178,898	24,320	55.0	13,383	65	20.9	13,616
Minn.	8,322	3.11	258,814	42,000	64	26,880	8	18.5	1,480
Iowa.....	3,450	3.38	116,610	75,110	64	48,070	15	19.6	2,940
Mo.	2,988	3.76	112,349	11,690	51	5,962	16	17.4	2,784
N. Dak.	230	3.58	8,234	47,600	62	29,512	4	18.1	724
S. Dak.	558	3.27	18,247	26,780	62	16,604	2	20.2	404
Nebr.	640	4.16	26,624	42,300	60	25,380	5	20.5	1,025
Kans.	1,252	3.85	48,202	16,170	56	9,055	20	18.8	3,760
W. N. Cent...	17,440	3.38	589,080	261,650	61.7	161,463	70	18.7	13,117
Del.	180	4.95	8,910	-	-	-	1	22.6	226
Md.	1,412	4.76	67,211	160	49	78	12	23.4	2,808
Va.	1,505	4.93	74,196	4,040	50	2,020	15	23.2	3,480
W. Va.	410	4.79	19,639	1,940	47	912	16	21.4	3,424
N. C.	1,058	5.71	60,412	270	50	135	19	20.1	3,819
S. C.	406	5.72	23,223	-	-	-	6	22.4	1,344
Ga.	735	5.88	43,218	40	51	20	28	23.2	6,496
Fla.	1,160	6.81	78,996	-	-	-	20	24.6	4,920
S. Atl.	6,866	5.47	375,805	6,450	49.1	3,165	117	22.7	26,517
Ky.	1,930	3.85	74,305	4,130	46	1,900	28	20.4	5,712
Tenn.	1,760	4.14	72,864	530	45	238	14	19.0	2,660
Ala.	598	5.62	33,608	130	51	66	19	20.3	3,857
Miss.	950	4.69	44,555	130	48	62	8	21.9	1,752
Ark.	715	4.29	30,674	1,360	50	680	7	19.7	1,379
La.	644	5.56	35,806	-	-	-	5	23.5	1,175
Okla.	952	4.58	43,602	10,660	53	5,650	12	19.8	2,376
Tex.	2,493	5.26	131,132	1,500	49	735	30	22.4	6,720
S. Cent.	10,042	4.65	466,546	18,440	50.6	9,331	123	20.8	25,631
Mont.	240	4.43	10,632	5,280	61	3,221	4	22.7	908
Idaho.....	1,404	3.44	48,298	1,790	58	1,038	8	21.0	1,680
Wyo.	111	4.03	4,473	1,500	60	900	2	20.0	400
Colo.	600	4.68	28,080	5,000	58	2,900	8	23.1	1,848
N. Mex.	195	5.41	10,550	190	57	108	4	22.0	880
Ariz.	430	5.05	21,715	-	-	-	3	21.4	642
Utah.....	685	4.01	27,468	440	57	251	2	17.5	350
Nev.	93	5.10	4,743	320	63	202	-	-	-
Wash.	1,629	4.40	71,676	2,120	57	1,208	18	22.7	4,086
Oreg.	890	4.62	41,118	3,300	61	2,013	14	23.0	3,220
Calif.	7,060	4.45	314,170	770	62	477	286	21.2	60,632
West.	13,337	4.37	582,923	20,710	59.5	12,318	349	21.4	74,646
U. S.	100,809	4.16	4,195,492	335,560	60.1	201,769	961	21.5	206,242

1/ Revised on basis of 1959 Census of Agriculture and other data now available.

Table 12.-Farm marketings, income, and value of dairy products, by States, 1959 ^{1/}

State and division	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products ^{4/}	Farm value of milk produced ^{5/}
	Milk utilized	Average returns ^{2/}		Cash receipts from marketings	Milk utilized	Value ^{3/}		
		Per 100 pounds milk	Per pound milkfat					
	Mil. lb.	Dol.	Dol.	1,000 dol.	Mil. lb.	1,000 dol.	1,000 dol.	1,000 dol.
Me.	625	5.80	1.45	36,238	66	3,828	40,066	40,658
N. H.	351	6.03	1.53	21,171	20	1,206	22,377	22,733
Vt.	1,795	5.15	1.30	92,360	34	1,751	94,111	95,687
Mass.	722	6.35	1.67	45,847	19	1,206	47,053	47,625
R. I.	123	6.50	1.73	7,989	2	130	8,119	8,255
Conn.	708	6.30	1.68	44,572	20	1,260	45,832	46,620
N. Y.	9,372	4.68	1.30	438,238	205	9,594	447,832	456,815
N. J.	1,113	5.79	1.59	64,412	22	1,274	65,686	66,585
Pa.	6,213	4.93	1.31	306,237	274	13,508	319,745	324,739
N. Atl.	21,022	5.03	1.36	1,057,064	662	33,757	1,090,821	1,109,717
Ohio.	4,788	4.23	1.11	202,584	224	9,475	212,059	216,322
Ind.	3,018	3.89	1.00	117,280	145	5,640	122,920	125,452
Ill.	4,045	3.60	.97	145,798	207	7,452	153,250	155,880
Mich.	4,744	3.89	1.05	184,620	200	7,780	192,400	198,001
Wis.	16,897	3.29	.90	555,615	341	11,219	566,834	586,114
E. N. Cent. ...	33,492	3.60	.97	1,205,897	1,117	41,566	1,247,463	1,281,769
Minn.	9,540	3.01	.86	287,174	240	7,224	294,398	300,097
Iowa.	5,513	3.04	.83	167,620	270	8,208	175,828	180,576
Mo.	3,298	3.67	.90	121,095	330	12,111	133,206	135,717
N. Dak.	1,598	2.41	.69	38,470	114	2,747	41,217	42,344
S. Dak.	1,328	2.65	.76	35,255	86	2,279	37,534	38,504
Nebr.	1,809	2.93	.80	53,029	148	4,336	57,365	59,274
Kans.	1,715	3.56	.95	61,017	165	5,874	66,891	69,064
W. N. Cent. ...	24,801	3.08	.84	763,660	1,353	42,779	806,439	825,576
Del.	183	4.99	1.33	9,136	9	449	9,585	9,730
Md.	1,441	4.86	1.30	70,097	55	2,673	72,770	73,726
Va.	1,632	4.88	1.25	79,696	304	14,835	94,531	96,722
W. Va.	490	4.89	1.25	23,975	179	8,753	32,728	33,594
N. C.	1,104	5.83	1.46	64,366	440	25,652	90,018	91,764
S. C.	419	5.86	1.46	24,567	120	7,032	31,599	31,996
Ga.	797	6.24	1.54	49,734	241	15,038	64,772	65,582
Fla.	1,203	6.98	1.70	83,916	29	2,024	85,940	86,552
S. Atl.	7,269	5.58	1.41	405,487	1,377	76,456	481,943	489,666
Ky.	2,085	3.93	.96	81,917	376	14,777	96,694	98,407
Tenn.	1,802	4.20	.99	75,762	365	15,330	91,092	92,400
Ala.	641	5.86	1.45	37,531	342	20,041	57,572	58,483
Miss.	970	4.78	1.11	46,369	303	14,483	60,852	61,566
Ark.	762	4.30	1.04	32,733	189	8,127	40,860	41,409
La.	655	5.65	1.36	36,981	154	8,701	45,682	46,217
Okla.	1,237	4.17	1.08	51,628	186	7,756	59,384	60,548
Tex.	2,593	5.34	1.35	138,587	340	18,156	156,743	158,491
S. Cent.	10,745	4.67	1.14	501,508	2,255	107,371	608,879	617,521
Mont.	387	3.81	1.03	14,761	67	2,553	17,314	17,907
Idaho.	1,469	3.47	.91	51,016	73	2,533	53,549	55,208
Wyo.	159	3.63	1.02	5,773	31	1,125	6,898	7,115
Colo.	753	4.36	1.19	32,828	68	2,965	35,793	37,104
N. Mex.	208	5.55	1.48	11,538	28	1,554	13,092	13,431
Ariz.	436	5.13	1.42	22,357	16	821	23,178	23,649
Utah.	702	4.00	1.10	28,069	39	1,560	29,629	30,440
Nev.	102	4.85	1.33	4,945	5	242	5,187	5,335
Wash.	1,717	4.48	1.11	76,970	98	4,390	81,360	83,552
Oreg.	996	4.65	1.09	46,351	77	3,580	49,931	51,615
Calif.	7,695	4.88	1.32	375,279	112	5,466	380,745	387,618
West.	14,624	4.58	1.21	669,887	614	26,789	696,676	712,974
U. S.	111,953	4.11	1.09	4,603,503	7,378	328,718	4,932,221	5,037,223

^{1/} Revised on basis of 1959 Census of Agriculture and other data now available. ^{2/} Cash receipts divided by milk or milkfat represented in combined marketings. ^{3/} Computed at average returns per 100 pounds for milk in products marketed. ^{4/} Cash receipts from marketing of milk and cream plus value of milk used for home consumption and farm-churned butter. ^{5/} Milk produced on farms valued at average returns per 100 pounds for milk in products marketed. Includes value of milk fed to calves in addition to gross farm income.

Table 13.-Production and utilization of milk, United States, 1955-60 ^{1/}

[In millions of pounds]

Source and use	1955	1956	1957	1958	1959	1960
Milk production ^{2/}	122,945	124,860	124,628	123,220	121,989	122,920
Utilization (milk equivalent):						
Manufactured in plants:						
Creamery butter, total.....	28,951	29,686	29,951	30,651	29,554	30,766
From whey cream.....	948	987	1,001	1,027	1,020	1,087
Net.....	28,003	28,699	28,950	29,624	28,534	29,679
Cheese:						
American.....	10,073	9,936	9,974	9,524	9,203	9,746
Other.....	3,480	3,797	3,488	3,250	3,390	3,682
Canned milk:						
Evaporated.....	5,490	5,397	5,200	4,591	4,559	4,368
Sweetened condensed.....	78	164	140	125	133	152
Bulk condensed milk:						
Unsweetened.....	644	710	756	786	849	857
Sweetened.....	90	104	108	113	115	115
Dry whole milk.....	822	841	788	687	712	794
Frozen dairy products:						
Ice cream and other frozen products ^{3/}	9,651	10,013	10,215	10,499	11,211	11,324
Duplication of fat from butter and condensed milk ^{4/}	1,480	1,510	1,637	1,727	1,854	1,861
Net from milk and cream.....	8,171	8,503	8,578	8,772	9,357	9,463
Other factory products ^{5/}	1,176	1,255	1,230	1,274	1,365	1,427
Total factory products ^{6/}	58,027	59,406	59,212	58,746	58,217	60,283
Farm butter.....	3,245	2,814	2,428	1,987	1,602	1,325
Fluid consumption: Farm ^{7/}	10,000	9,600	9,100	8,500	8,000	7,500
Nonfarm.....	47,800	49,400	50,200	50,400	50,800	51,100
Fed to calves.....	3,266	3,119	2,950	2,767	2,658	2,528
Exports and storage ^{8/}	26	-4	65	-62	13	7
Other ^{9/}	581	525	673	882	699	177

^{1/} Revised for 1955-59. ^{2/} Does not include a small quantity of milk produced by cows not on farms.^{3/} Includes ice cream, milk sherbet, ice milk, and miscellaneous minor frozen products. ^{4/} Milk equivalent of butter and condensed milk used in ice cream. ^{5/} Includes dry cream, malted milk powder, dry part-skim milk, dry ice cream mix, cottage cheese, and other products using milkfat. ^{6/} Includes net milk equivalents of butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product. ^{7/} Includes an allowance for fluid consumption on farms not producing milk in addition to the consumption on farms where milk is produced shown in Table 2.^{8/} Net movement of whole milk or cream into export or storage channels. A negative figure represents net imports or net out-of-storage movement during the year. ^{9/} Residual, including miscellaneous minor uses and any inaccuracies of independently determined production and use items.

Table 14.-Percentage utilization of milk produced, United States, 1955-60

[Percent]

Utilization	1955	1956	1957	1958	1959	1960
Creamery butter, net.....	22.8	23.0	23.2	24.1	23.4	24.1
Cheese.....	11.0	11.0	10.8	10.4	10.3	10.9
Evaporated, condensed, and dry whole milk	5.8	5.8	5.6	5.1	5.2	5.1
Frozen dairy products, net.....	6.6	6.8	6.9	7.1	7.7	7.7
Other manufactured products.....	1.0	1.0	1.0	1.0	1.1	1.2
Total factory products.....	47.2	47.6	47.5	47.7	47.7	49.0
Farm butter.....	2.6	2.2	1.9	1.6	1.3	1.1
Fluid consumption:						
Farm.....	8.1	7.7	7.3	6.9	6.6	6.1
Nonfarm.....	38.9	39.6	40.3	40.9	41.6	41.6
Fed to calves.....	2.7	2.5	2.4	2.2	2.2	2.1
Other uses.....	0.5	0.4	0.6	0.7	0.6	0.1

A total of 9.2 billion pounds of milk was used on farms where produced. This was 8 percent less than the previous record low established in 1959 and accounted for approximately 7 percent of the total milk production. In 1960, nearly 5.4 billion pounds of the milk used on farms where produced was consumed as fluid milk and cream, while 1.3 billion pounds of milk was made into farm-churned butter and 2.5 billion pounds was fed to calves.

Cash receipts at record high

Farmers' cash receipts from marketings of milk and cream reached a record high of \$4,737 million in 1960. This is 3 percent above the preceding year and 2 percent above the former high set in 1957. Cash receipts include income from the sale of whole milk and farm-separated cream by farmers to plants and dealers as well as sales of milk and cream sold direct to customers. Combined marketings of milk and cream in 1960 brought farmers an average return of \$4.17 per hundredweight of milk, or \$1.11 per pound of milkfat in all milk and cream. Compared with 1959, this is an increase of 6 cents per hundredweight of milk and 2 cents per pound of milkfat. Cash income from sales of milk and cream increased from 1959 in all regions of the country. Farmers in 35 States realized larger cash returns in 1960 than in the previous year.

Income from whole milk sold to plants and dealers in 1960 totaled \$4,356 million. These record high cash returns were up 4 percent from the preceding year. The price per hundredweight of whole milk sold to plants and dealers averaged \$4.21 in 1960 -- 5 cents higher than in the previous year, and, although equaled in 1957, it has not been exceeded since 1953.

Cash receipts from farm-separated cream sold to plants and dealers was \$180 million in 1960. This is 11 percent less than in 1959, and reflects a lower average price as well as a continued decline in marketings. The average price of fat in cream decreased one-half cent per pound from the 1959 level.

Farmers realized a cash return of \$201 million from sales of milk and cream direct to customers. This is 3 percent less than in 1959, as the decrease in volume of sales more than offset the slight gain in price. For the second consecutive year, income from retail milk and cream sold by farmers has exceeded the income from cream sold to plants and dealers.

Gross farm income from dairy products totaled \$5,036 million in 1960 -- an increase of 2 percent from each of the preceding 2 years. Gross farm income includes cash receipts from marketings of milk and cream by farmers and the value of milk used as fluid milk and cream and for farm-churned butter on farms where produced. Total farm value of milk produced was \$5,138 million in 1960. This, like gross farm income from dairy products, was 2 percent higher than in 1958 and 1959. Farm value of milk produced includes the value of milk fed to calves in addition to gross farm income from milk.

More milk used for factory products in 1960

The milk equivalent of all factory products made in 1960 totaled 60,283 million pounds, 3.5 percent more than in 1959. Factory products accounted for 49 percent of all milk produced in 1960. Creamery butter production, with an increase of 4 percent from 1959, accounted for 24 percent of 1960 milk production. Cheese production increased 7 percent to a record high in 1960 and used 11 percent of the total milk output. About 42 percent of all milk produced in 1960 was consumed in fluid form by the nonfarm population and 6 percent was consumed in farm households. Farm-churned butter, milk fed to calves and other uses accounted for the remaining small percentage of all milk produced.

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